

Fig. 1

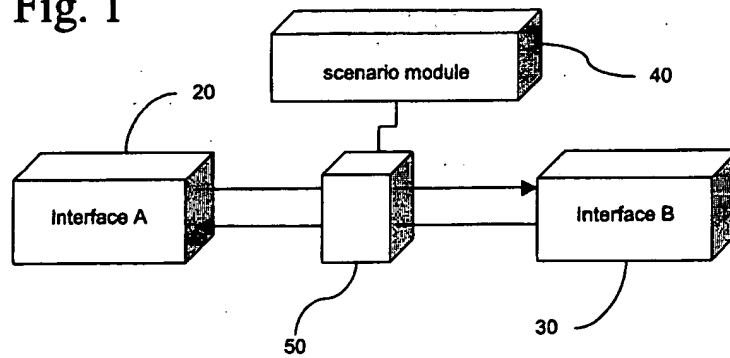


Fig. 2

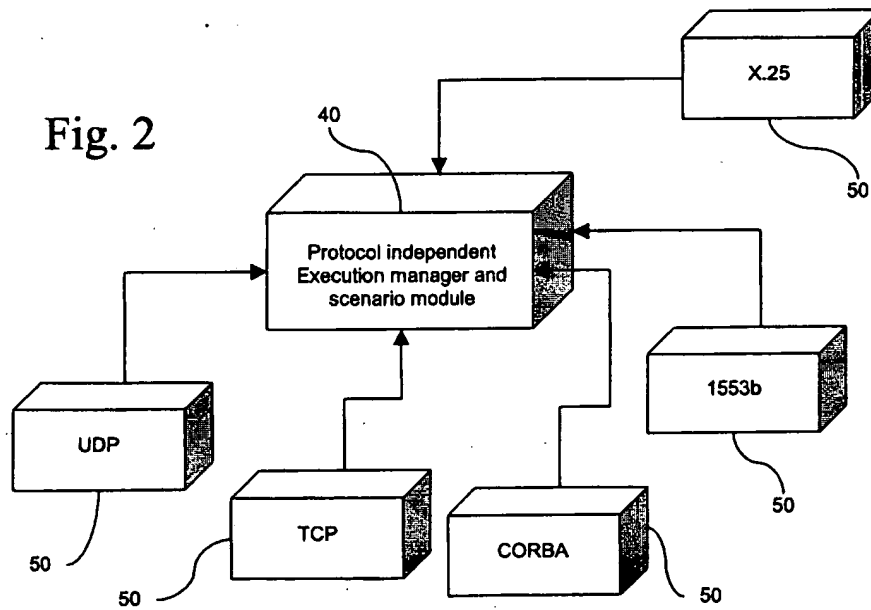


Fig. 3

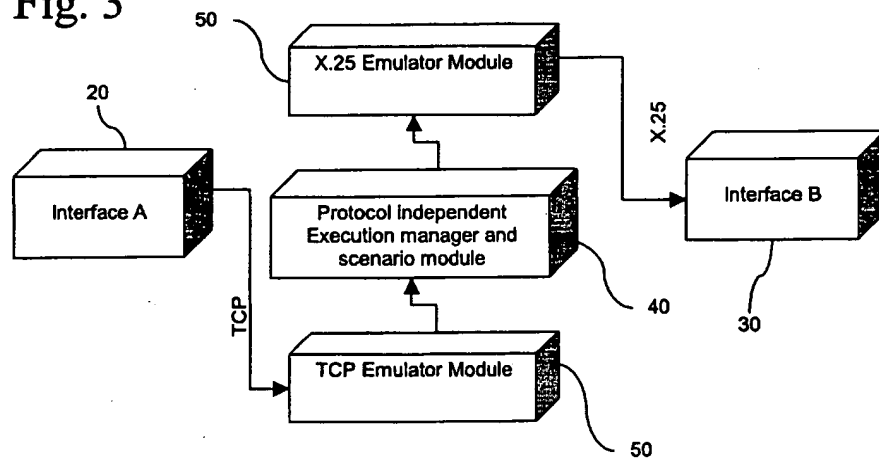


Fig. 4

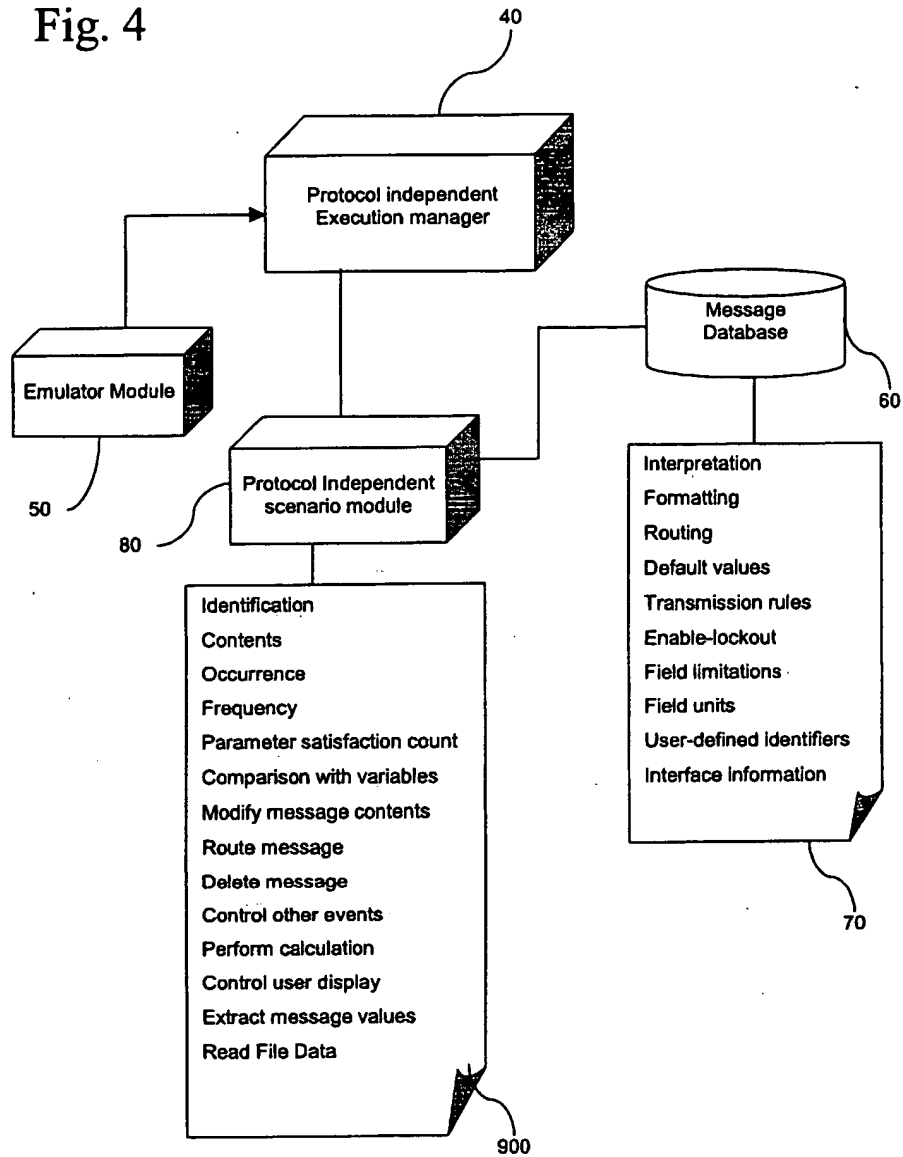


Fig. 5

The screenshot shows a software window with the following sections:

- Data Item:** Fields for Data Item Name (Launcher Message #1), Type (Message), PUID (3000001), and Size (Bits) (160). Below these are fields for Message ID (164), Message Name, and Interface Name.
- Available Data Items:** A list box containing:
 - Launcher Header
 - Launcher Message #1 Acknowledgement
 - Launcher Message #2
 - Launcher Message #2 Acknowledgement
 - Launcher Message ID
 - Pad 01
 - Pad 02Buttons for ">> Add >>", "Delete", "Up", and "Down" are to the right.
- Message Elements:** A tree view showing "Launcher Message #1" expanded to reveal:
 - Launcher Header
 - Pad 32
 - Pad 04
 - Pad 04
 - Pad 04
 - Pad 32
 - Pad 02
 - Pad 01
 - Pad 01
- View:** Checkboxes for "Arrays", "Enumerals", "Floating Point", "Messages", "Records", "Signed Integers", "Unsigned Integers", and "Strings". The "All Data Items" checkbox is checked.
- Initial Value:** A text field with a dropdown arrow.
- Buttons:** "OK", "Cancel", "Use Component Defaults", and "Clear".

Fig. 6

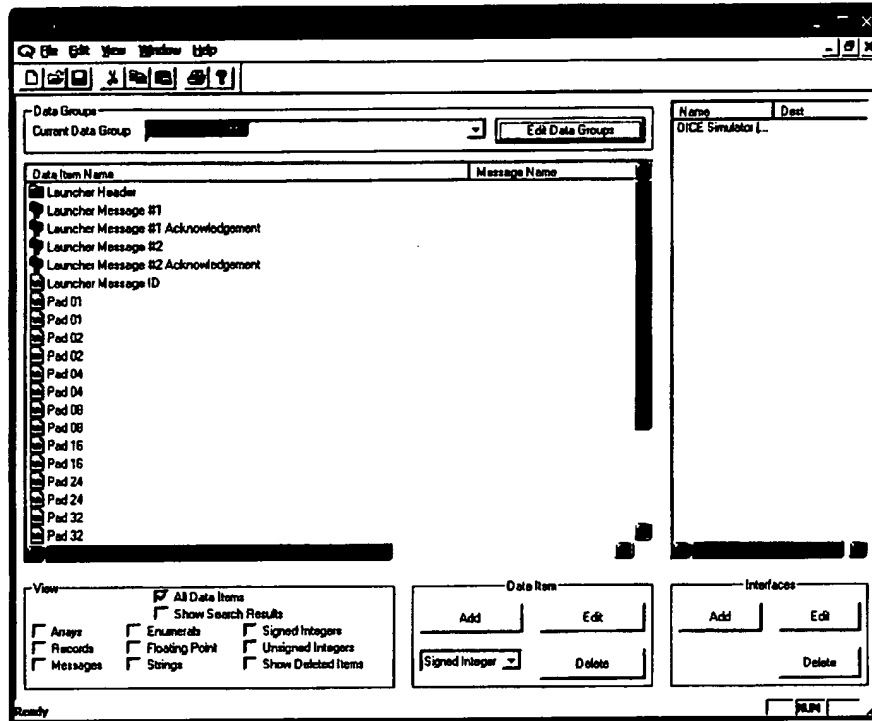


Fig. 7

Unsigned Integer Data Item

Data Item Name		Size (Bits)
Launcher Message ID		8
Data Item Type	PUID	
Unsigned Integer	7000008	
Minimum Value	Maximum Value	Initial Value
0	255	0
Scaling Factor		
1		
Special Processing	Units (Required For Special Processing)	
Header	Message ID	

OK Cancel

Fig. 8

Testing GENITC

File View Tools Help

Selected Scenario File

Interfaces

Name	IP Address	Port	Type	Attributes
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Scenario Control

Start Stop Now Current Time Start Time Stop Time

14:11:00

☐ Start at user entered time ☐ Display Raw Input ☐ Display Raw Output

Status Display Raw Input Raw Output

Time	Status Message
14:07:10.968	GENITC Application Unreleased Engineering Version Generic Interface Test Computer Application Copyright (C) 2000 by Quadrus Corporation
14:07:10.968	Wednesday, November 13, 2002 14:07:10
14:07:10.968	Time Source: System / Synch Mode: None

Ready Src: System Flywheeling Sync: None

Fig. 9

File Edit View Tools Help

Local Scenario: <NONE> Base Logging Directory: [c:\DICE\Log]

Interface Control

Name	Type	RCV IP	SND IP	Status	Local Scenario

Enable
Disable
☐ Process Children
Edit

Processing Control

Start Current Time: 16:09:25
Stop Now Start Time: 16:09:15
Stop Time:
☐ Start at user entered time

Endpoint Control

ID	Interface Name	Local IP	RCV IP	SND IP	Status	Local Scenario	Default Destination

Connect Disconnect

Endpoint Add/Delete

Add
Edit
Delete

Status | Display

Time	Interface ID	Endpoint ID	Status Text
16:09:15.749			Processing Started.
16:09:09.811			DICE Application Engineering Version 1.0ER1
			DICE MFC Application
			Copyright (C) 2002
16:09:09.811			Monday, August 12, 2002 16:09:09
16:09:09.811			Time Source: System / Synch Mode: None

Ready Sync System Flywheeling Sync Name

Fig. 10

Scenario: IFT 8 RTE Message Driver for GSS 9.3

File Edit View Window Help

Scenario Name: [Redacted] Message Set Name: C:\Documents and Settings\jeires\Desktop\VT Scenario Creation Date: Wednesday, August 28, 2002 13:37:10

Scenario Description: [Redacted] Scenario Last Modified: Tuesday, September 17, 2002 01:40:56

Scenario Element Type: [Redacted]

Scenario

- IFT 8 RTE Message Driver for GSS 9.3
 - Start Event
 - Send SDS 800
 - Send RDS Track Report
 - Send TPS Track Report
 - Send SDS 825 Internal Message
 - Initialize RDS Conversion (MBO to ECI)
 - Convert RDS (MBO to ECI)
 - Set RDS Covariance (Normal)
 - Set RDS Covariance (Tracker 26)
 - Check RDS Associated Object
 - Set RDS Associated Object
 - Initialize TPS Conversion (ECEF to ECI)
 - Convert TPS (ECEF to ECI)
 - Set TPS Covariance
 - Set ECI Sensor 11
 - Set ECI Sensor 13
 - Set ECI Sensor 19
 - Set ECI Sensor 22
 - Set ECI Sensor 24

Up Down Edit Delete

Events

Event Type: Message Event Add Event

Associated Message: None Add Subroutine

☐ Perform First Valid Event ☒ Perform All Valid Events

Max Nesting Level: 32

Actions

Action Type: Calculate Checksum Add Action

☒ Suppress Msg by Default ☒ Transmit Msg by Default

Change Message Set

Ready

Fig. 11

